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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of  
Mariko MATSUMOTO

Serial No.: 10/730,136 Group Art Unit: 2611  
Filed: December 9, 2003 Examiner: Odum, Curtis B  
For: WIRELESS APPARATUS EMPLOYING MULTI-LEVEL Q AM  
AND METHOD FOR ESTIMATING THRESHOLD VALUE

Honorable Commissioner of Patents  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Under the provisions of 37 CFR §1.97 through §1.98 and pursuant to Applicant's duty of disclosure under 37 CFR §1.56, Applicant respectfully brings the following documents cited in the Japanese Office Action in a counterpart foreign application and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which Applicant is aware.

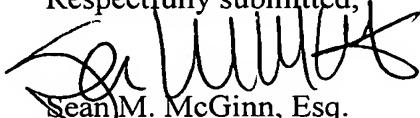
In compliance with the requirements of 37 CFR §1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a translation of portions of an official action by a foreign examiner in which the reference was cited. The relevance to the pending U.S. patent application is that the reference was cited in a foreign patent application on the same subject matter. However, no independent analysis of the reference, the accuracy of the statement of the foreign examiner or the claims of the foreign application under the laws of that country of the United States relative to the subject matter claimed in the present application has been made, the present understanding of the contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted herewith. Further, an English-language Abstracts or equivalents are attached to the references.

I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of that item by a foreign patent office in a counterpart foreign application, which occurred not more than three months prior to the filing of this statement.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

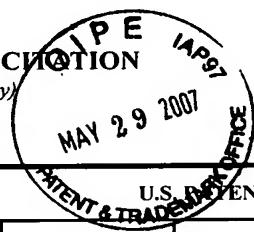
Date: 5/29/07  
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Respectfully submitted,



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**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)



Docket Number (Optional)  
NEG-325US

Application Number  
10/730,136

Applicant(s)  
**Mariko MATSUMOTO**

Filing Date  
**December 9, 2003**

Group Art Unit  
**2611**

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,034,620	03/07/2000	Ikka			
		7,050,761	05/23/2006	Hamabe			
		6,018,526	01/25/2000	Liu et al.			

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	10-145442	05/29/1998	Japan			U.S. Equiv.	
	2002-262349	09/13/2002	Japan			U.S. Equiv.	
	11-4247	01/06/1998	Japan			U.S. Equiv.	
	2002-335296	11/22/2002	Japan			ABS	
	11-017759	01/22/1999	Japan			ABS	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

Japanese Office Action dated March 28, 2007 with partial english translation.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.